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#### DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## METHODS AND PRODUCTS FOR REGULATING LECTIN COMPLEMENT PATHWAY ASSOCIATED COMPLEMENT ACTIVATION

the specification of which was filed on December 15, 1999 as United States Application No. 09/464,303.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, \$1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, \$119(a)-(d) or \$365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. \$\$119 and

365(a),(b):			Prior Claim	-
			[]	[ ]
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	YES	МО
	·		[[]	[ ]
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	YES	NO.
. •			[ ]	[ ]
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	YES	NO.

I hereby claim the benefit under Title 35, United States Code, \$119(e) of any United States provisional application(s) listed below:

60/112,390	12/15/98
(Application Number)	(filing date)
(Application Number)	(filing date)

I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s), or \$365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35,

United States Code, \$112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, \$1.56

which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)	(fil	ing date) (st	atus-patente	d, pending, abandoned	) <u>.</u> · .
(Application No.)	(fil	ing date) (st	tatus-patente	d, pending, abandoned	)
PCT International A	pplications	designating the Un	ited States:		
(PCT Appl. No.)	(U.S. Ser.	No.) (PCT fili	ng status	-patented, pending, abando	oned)
I hereby appoint application and to therewith:	the follo transact al			t(s) to prosecute rademark Office conne	
Robert M. Abrahamsen	40,886	Jason M. Honeyman	31,624	Stanley Sacks	. 19,900
John N. Anastasi	37,765	Ronald J. Kransdorf	20,004	Christopher S. Schultz.	37,929
Gary S. Engelson	35,128	Peter C. Lando	34,654	Alan B. Sherr	42,147
Neil P. Ferraro	39,188	Helen C. Lockhart	39,248	Robert A. Skrivanek, Jr.	41,316
Thomas G. Field	P-45,596	Matthew B. Lowrie	38,228	Paul D. Sorkin	39,039
Stephen R. Finch	42,534	William R. McClellan	29,409	Alan W. Steele	45,128
Edward R. Gates	31,616	Daniel P. McLoughlin	•	Mark Steinberg	40,828
Richard F. Giunta	36,149	James H. Morris	34,681	Joseph Teja, Jr.	45,157
Peter J. Gordon	35,164	M. Lawrence Oliverio	30,915	John R. Van Amsterdam	40,212
John C. Gorecki	38,471	Timothy J. Oyer	36,628	Michael G. Verga	39,410
William G. Gosz	27,787	Edward F. Perlman	28,105	Robert H. Walat	P-46,324
Lawrence M. Green	29,384	Michael J. Pomianek	P-46,190	Lisa E. Winsor	44,405
George L. Greenfield	17,756	Elizabeth R. Plumer	36,637	David Wolf	17,528
James M. Hanifin, Jr.	39,213	Randy J. Pritzker	35,986	Douglas R. Wolf	36,971
Therese A. Hendricks	30,389	Robert E. Rigby, Jr.	36,904	Ivan D. Zitkovsky	37,482
Steven J. Henry	27,900	Edward J. Russavage	43,069		

Address all telephone calls to Helen C. Lockhart at telephone no. (617) 720-3500. Address all correspondence to:

### Helen C. Lockhart c/o Wolf, Greenfield & Sacks, P.C., Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210-2211

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's signat,

Post Office Address

Full name of first inventor

Citizenship

Residence)

Gregory L. Stahl

US

290 Chestnut Street, Clinton, MA 01510

same as above

Inventor's signature

Full name of first inventor

Citizenship Residence)

Post Office Address

Charles D. Collard

US

52 Oakridge Road, Wellesley, MA 02481

same as above



Express Mail Label No. EV 292458965US Date of Deposit: January 28, 2004 Docket No. A0752.70001US01

Date

101291880

### RECORDATION FORM COVER SHEET PATENTS ONLY

	IAICNI	SUILI	
FORM PTO-1595		U.S. DEPARTMENT OF CO	MMERCE
(Rev. 6-93)		Patent and Trademark Offic	ce
OMB No. 0651-0011 (exp. 4/94)			
To the Commissioner of Pate	nts and Trademarks: Please	e record the attached original documents or	copy thereof.
1 value of conveying party(les).		<ol><li>Name and address of receiving party(i</li></ol>	es)
Gregory L. Stahl and Charles D. Collard	137 - 0031		
Additional name(s) of conveying party(ies) attached? [	J Yes [X] No	Name: The Brigham and Womer	n's Hospital, Inc.
		75 Francis St.	
3. Nature of conveyance:		Boston, MA 02115	
		203ton, WIA 02113	
[X] Assignment [] Merger			
[] Security Agreement [] Change of Name			
		- ·	
[ ] Other		Additional name(s) & addresses(as)	-42 C1 V C/1 V
	_	Additional name(s) & addresses(es) attach	cur[] Yes [X] No
Execution Date: 1/3/00 1/18/00			
4. Application number(s) or patent number(s):			
If this document is being filed together with a	new application, the exe	ecution date of the application is	
A. Patent Application No.(s)	B. Pate	ent No.(s)	•
09/464,303		·	
	Additional numbers at	ttached? [] Yes [X] No	
5. Name and address of party to whom correspon	ndence	6. Total number of applications and p	ostents involved. [1]
Concerning document should be mailed:		o. Total number of applications and p	Datents involved: [1]
Name: Helen C. Lockhart			
Address: WOLF, GREENFIELD	& SACKS DC		
Federal Reserve Plaza	w oncho, r.c.	7. Total fee (37 CFR 3.41)	\$ 40.00
600 Atlantic Avenue		[X] Enclosed	
- Boston, MA 02210			
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		to be charged to de	posit account
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		and some is addictized to C	marge.
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1	,	o. Deposit Account (NO: 23/2823	
FC:581 40.00 BP	DO NOT USI	E THIS SPACE	
	1.		
9. Statement and signature			
To the best of my knowledge and belief, the fo	regoing information is t	rue and correct and any attached con-	is a true come of the original
document.	1	and the copy	is a ir he copy of the original
	101		
Helen C. Lockhart - Reg. No. 39,248,	riclinal		Fahruan, 10, 2000
		29CH LOST	February 10, 2000
Name of Person Signing		Signature	Date

Signature

Total number of pages including cover sheet, attachments, and document: [3]

### **ASSIGNMENT**

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Gregory L. Stahl and Charles D. Collard hereby

Sell, assign and transfer to The Brigham and Women's Hospital, Inc., a Massachusetts corporation having a place of business at 75 Francis Street, Boston, MA 02115, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the provisional patent application filed in the United States Patent and Trademark Office on December 15, 1998, under provisional Serial No. 60/112,390 and entitled METHODS AND PRODUCTS FOR REGULATING LECTIN COMPLEMENT PATHWAY ASSOCIATED COMPLEMENT ACTIVATION and United States Letters Patent filed in the United States Patent and Trademark Office on December 15, 1999 under Serial No.09/464,303 and entitled METHODS AND PRODUCTS FOR REGULATING LECTIN COMPLEMENT PATHWAY ASSOCIATED COMPLEMENT ACTIVATION, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

We agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to - said Assignee.

We covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting

the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.
1-18-00 hogy / The
Date Gregory V. Stanl
STATE OF MA. COUNTY OF SUPPOIL
Subscribed and sworn to before me this 18 day of JANUAR
SEAL Clames a. webbert
Notary Public My Commission Expires

JAMES A. WEBBER, JR.
NOTARY PUBLIC

EV COTTMISSION EXTRES SENTENDE 18, 2003

1/18/00 Date	Charles D. Collard
STATE OF Ma. :	
Subscribed and sworn to before me this 18	day of JANUWY.
SEAL Notary Public My Commission Expires	<del>-</del>

JAMES A. WEBBER, JR. NOTARY PUBLIC by Coursission Entres Section to 18, 223

### **Budapest Treaty Deposits**

# American Type Culture Collection

10801 University Blvd., Manasses, VA 20110-2209 Tel. (703) 365-2700: Fax (703) 365-2745

# TO DEPOSIT OR TO CONVERT A DEPOSIT TO MEET THE REQUIREMENTS OF BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

## All QUESTIONS MUST BE COMPLETED. PLEASE USE ONE FORM PER EACH STRAIN DEPOSITED.

source of isolation and any known hazards associated to a	me including genus and species and source of material; if virus, name ographic location; if cell line, provide tissue & species, geographical HIV, EBV, etc.); if genetic materials, name of organism from which entified by species (e.g. human, mouse) or scientific name and provide .
3F8 Hybridoma - Mouse anti-human mannos	se binding lectin antibody
	:
2. Strain designation (i.e., number, symbols, etc). 3F8	1
The strain designation must correspond with the vial labels.	
3. Is this an original deposit under the Budapest Treaty? Yes	:
o. In this air original doposit and it his bodapest meaty?	•
4. Is this a request for a conversion of a deposit already at the indicate ATCC designation. No	ne ATCC to meet the requirements of the Budapest Treaty? If so, please N
5. Is this deposit a mixture of microorganisms or cells? No	
<ol><li>Provide details necessary to cultivate, test for viability method to check presence, (If plasmid, provide name of host</li></ol>	and store deposit. If mixture, provide description of components and a temperature and a temperature and a temperature and a second a second and a second a second and a second a second and a second and a second and a second and a second an
7. Provide sufficient description so that ATCC may confirm	: deposit properties (e.g., Gram negative rod) Mouse IgGlk isotype
a. If deposit is a cell culture, is it being cultured in the prese	nce of antibiotics? If so, please list the antibiotics.
·	
b If deposit is hybridoma, what is the isotype of antibody produced? Ig	Glk

http://www.utec.org/forms/formbp1 = =

	level for working with this strain	. (Ref. Guidelines for	Research Involving Recombinant DNA
	Molecules, NIH Guidelines, January 1996) [www.nih.gov/o	[miri.co/hanob	Western manifeld recomplisate DNV
		•	
	0.4		· .
	<ol> <li>Availability: Prior to Issuance of a U. depositor or relevant patent office. Samples the Budapest Treaty Instructs ATCO</li> </ol>		sligator if a pertinent patent office under
		to so. The following to	questions must be answered
	a. As of date of deposit or conversion to meet the requir anyone who requests a culture? If yes, the	ements of the Budapest Treaty, do re are no restrictions on d	you wish the deposit made available to listribution. Yes No _X
		·	
	<ul> <li>As of date of deposit or conversion to meet the requirequesters which satisfy Patent Offices in countries not s</li> </ul>	ements of the Budapest Treaty, do ignatory to the Budapest Treaty?	you wish the deposit made available to
	If "yes," please state which countries below. Yes	No: X	·
			, .
			•
	Please note that if you are converting your donnell to		
	Please note that if you are converting your deposit to meen released for distribution due to the issuance of a U.S.	S. Patent, you cannot restrict it from	est Treaty, and your deposit has already
		:	turnet disalpation.
		•	
	After a U.S. Patent issues, and we are so notified, ATC U.S. Patent and Trademark Office Rules and Regulations	C makes the culture available to are (37 CFR > 1,808[a][2]).	lyone who requests it, as allowed under
Form BP/1	Page 1 of 2 Rev. 1/97		•
	•		·
	10. Do you wish ATCC to inform you of all requests for the	is strain? Yes No	
	•	:	•
	11. ATCC will notify you of your ATCC number after con-	firmation of viability tooking in accord	As Alla Obassa
		· · · · · · · · · · · · · · · · · · ·	te (No Charge).
Name of Inc	dividual to notify: Gregory L. Stahl	:	
		:	
	Fax No. Telephone No. 617/278-6957		
	Pax No. Telephone No. 017/270-0937	•	
	•	•	•
	12. Payment by check, or credit card (MasterCard, arrangements for billing have been made and approve person who should receive invoice. Also, please include		st accompany the deposit unless prior e to bill you for services, please indicate
	Purchase order # 2882	Please send invoi	,
	Credit Card number (indicate MasterCard, VISA,		BWH Anesthesia Foundation
or America	an Express) Expiration Date	:	75 Francis Street
4 MILE 168	ביים נכסים באינונונון שמני	· .	Boston, MA 02115
#			
Y	int the name where an exactly and the	<b>t</b>	
rype or pri	int the name shown on credit card Signature	•	
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http://www.atec.org/forms/formbpl.htm

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For ATCC use only: Auth:#:	_ ROC	
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	:	
13. Name, address, telephone and facsimile n B0801 / 7130 ) (see atta	number: of your altonichment)	mey of record. [ Ref: Docket or Case No.
14. MUST BE COMPLETED. Deposited on behalf of company or institute, and normally is not an Individual.)	: (Verify with your man: Brigham and	agement who owns the deposit. The owner is usually a Women's Hospital
understand and agree that the deposit may not be withdrawn 39 years after the date of deposit or 5 years after the date of the culture should die or be destroyed during the life of the pater with a living culture of the same organism or cell. In the ca responsibility to supply a sufficient quantity for distribution for	it or the period of tin	ne so specified, it is my responsibility to replace it
	-	
Typed Name Signature Date Gregory L. Stahl Center for Experiment Address. Dept. of Aparthosis	al Therapeuti	cs and Reperfusion Injury
THIS FORM MUST BE COMPLETED IN EN	AGLISH	en's Hospital, 75 Francis Street Boston, MA 02115
	:	
ADDRESS SHIPMENTS AND FORM TO THE ATTENTION OF: P	atent Depository	
American Type Culture Collection	:	
10801 University Blvd.	:	
Manaeses, VA 20110-2209 U.S.A.		
ALL FEES SUBJECT TO CHANGE:	·	
FEES: 30 years' storage \$600. 30 years' notification \$360. Viability to equipment. Prepare additional samples of cells or hybridomas \$50 required number) \$130. Additional costs for return of samples outsifive years after the last request for a sample, whichever is	o. Notern Sample for	approval (it not submitted frozen or freeze-dried or the
ATCC USE ONLY: ATCC DESIGNATION		V.T. RESULT
Name of DepositSt	rain Deșignation _	
•	:	

Form BP/1 Page 2 of 2 Rev. 1/97

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### Budap st Treaty Deposits

# American Type Culture Collection

10801 University Blvd , Manassas, VA 20110-2209 Tel (703) 365-2700: Fax (703) 365-2745

### TO DEPOSIT OR TO CONVERT A DEPOSIT TO MEET THE REQUIREMENTS OF BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

## All QUESTIONS MUST BE COMPLETED. PLEASE USE ONE FORM PER EACH STRAIN DEPOSITED.

1. Name of deposit. (If microorganism, complete scientific name including genus and species and source of material; if virus, name and whether or not plant or animal and source including geographic location; if cell line, provide tissue & species, geographical source of isolation and any known hazards associated (e.g. HIV, EBV, etc.); if genetic materials, name of organism from which vector, clone or library is derived, source of the DNA Insert identified by species (e.g. human, mouse) or scientific name and provide

hmbl1	.2 - mouse anti-human mannose bindi	ng lectin antibody
. Strain de	esignation (i.e., number, symbols, etc). hMBL1.2	
The strain	n designation must correspond with the vial labels.	
	·	•
). Is this ar	n original deposit under the Budapest Treaty? Yes	:
	,,	
	Is this a request for a conversion of a deposit already at the indicate ATCC designation.	ne ATCC to meet the requirements of the Budapest Treaty? If so, plea
		·
i. Is this de	eposit a mixture of microorganisms or cells? No	
		1
	<ol><li>Provide details necessary to cultivate, test for viability a method to check presence. (If plasmid, provide name of host</li></ol>	! nd store deposit. If mixture, provide description of components and  8 antibiotic resistance) See attachment
		<u>:</u>
	7 Provide sufficient description so that ATCC may confirm d	: eposit properties (e.g. Gram negative rod) Mouse IGG1k
	a If deposit is a cell culture, is it being cultured in the present	Ce of antihiotografian at the state of the s
		Emblodies / It so, please list the antibiotics
) II danosi	it is hybridoma, what is the isotype of antibody produced?	gGĺk
, ii aeboži	Times in the sailbe of differently bloduced > 1	ΚΩ 1·K

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	level for working with this strain	.  IRCI Guidelines for R	esearch Involving Recombinant DNA
	Molecules, NIH Guidelines, January 1996) [www.nih gov/oc	f/orda/toc.htm)	Escarcii ilivolving Recombinani DNA
	G. Assailabilities October 1		
	<ol> <li>Availability: Prior to issuance of a U.S. depositor or relevant patent office. Samples remains a supplementation of the control of the control</li></ol>	S.:Patent, ATCC will only make a ci	ulture available as instructed by the
	depositor or relevant patent office. Samples r the Budapest Treaty instructs ATCC	to do so The following and	lator it a pertinent patent office under
			stions must be answered
	<b>'</b>	·	
	a. As of date of deposit or conversion to meet the require anyone who requests a culture? If yes, then	ments of the Budanest Track do so	
	anyone who requests a culture? If yes, then	e ; are no restrictions on dist	ibulion Yes No X
	•	•	110
•	• .	•	
	b. As of date of deposit or conversion to meet the require requesters which satisfy Patent Offices in countries not significant.	ements of the Budapest Treaty, do vo	wish the deposit made puritable a
	requesters which satisfy Palent Offices in countries not sign	gnatory to the Budapest Treaty?	The state of posit made available to
	If "yes." please state which countries below. Yes	No. X	
¥	•		
			•
		•	
	Please note that if you are converting your deposit to me been released for distribution due to the issuance of a U.S.	eet the requirements of the Budapest	Treaty, and your deposit has already
	been released for distribution due to the issuance of a U.S.	. Patent, you cannot restrict it from fu	rther distribution.
		;	
	After a U.S. Patent ingues and we are as make a series	_ 1.	
	After a U.S. Patent issues, and we are so notified, ATCO U.S. Matent and Trademark Office Rules and Regulations	makes the culture available to anyo	ne who requests it, as allowed under
	The state of the s	(37 CFR 3 1.808 [a](2]).	
Form BP/1	1 Page 1 of 2 Rev. 1/97		
•	10. Do you wish ATCC to inform you of all requests for this		
	The second of th	S Strain / Yes No	<u> </u>
		•	
	11. ATCC will notify you of your ATCC number after confid	rmanlian of stability and	
		mation of viability testing is complete	(No Charge).
Name of I	ndividual to notify: Gregory L. Stahl		
		:	•
	44-46-6	:	
	Fax No. Telephone No. 617/278-6957		
		·	
		<u>:</u>	•
	<ol> <li>Payment by check, or credit card (MasterCard, Variangements for billing have been made and approved</li> </ol>	VISA or American Express) must	accompany the deposit valery saint
	arrangements for billing have been made and approved person who should receive invoice. Also, please include P	If arrangements have been made to	bill you for services, please indicate
	The state of the s	.O. number	
•	Purchase order # 2882	Send Invoice	to: James A. Webber, Jr.
	Condit Cond number findings at a standard and a		BWH Anesthesia Foundation
	Credit Card number (indicate MasterCard, VISA,	•	75 Francis Street
or Americ	an Express) Expiration Date	1	Boston, MA 02115
		•	
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Type of D	rint the name shown on credit card Signature		
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	•	•
	<u> </u>	-1
For ATCC use only: Auth:	ROC	
		·
13 Name address at a	·	
13. Name, address, telephone and facsimile	number of your atto	orney of record [ Ref; Docket or Case No.
B0801 \	/ 7130 (see at	tachment)
14. MUST BE COMPLETED. Deposited on behalf company or institute, and normally is not an individu	f of: (Verify with your man al.)	nagement who owns the deposit. The owner is usually a
Brighan	n and Women's H	
I UDDATS LAND RADING TO A that the standard to	•	
30 years after the date of deposit or 5 years after the date of culture should die or be destroyed during the life of the pawith a living culture of the same organism of cell. In the case of the same organism of cell, in the case of the same organism of cell, in the case of the same organism of cell, in the case of the same organism of cell, in the case of the cas	tent or the period of the	me so specified it is my responsibility and that if a
Typed Name Signature Date Gregory L. Stahl		
Address. Center for Experime	ental Therapeut	ics and Reperfusion Injury,
THIS FORM MUST BE COMPLETED IN E		ics and Reperfusion Injury, men's Hospital, 75 Francis Street
THE FORM MOST BE COMPLETED IN E	ENGLISH	Boston, MA 02115
	•	·
ADDRESS SHIPMENTS AND FORM TO THE ATTENTION OF	: Patent Depository	
American Type Culture Collection	·	•
10801 University Blvd.		·
Manassas, VA 20110-2209 U.S.A.		
	i	
ALL FEES SUBJECT TO CHANGE:		·
<u>FEES</u> : 30 years' storage \$600. 30 years' notification \$360. Viabilitiequipment. Prepare additional samples of cells or hybridomas of required number) \$130. Additional costs for return of samples outline years after the last request for a sample, whichever in		
•	•	
ATCC USE ONLY: ATCC DESIGNATION	REC'D	VT PECHT
		V.I. RESULT
Name of Deposit	Stepin Davi	
	Strain Designation	

Form BP/1 Page 2 of 2 Rev 1/97

### **Budapest Treaty Deposits**

# American Type Culture Collection

10801 University Blvd., Manassas, VA 20110-2209 Tel. (703) 365-2700; Fax (703) 365-2745

TO DEPOSIT OR TO CONVERT A DEPOSIT TO MEET THE REQUIREMENTS OF BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

1. Name of deposit. (If microorganism, complete scientific name including genus and species and source of material; if virus, name

All QUESTIONS MUST BE COMPLETED	PLEASE USE ONE FORM PER FACH STRAIN DEPOSITED
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and whether or not plant or animal and source including geographic location; if cell line, provide tissue & species, geographical source of isolation and any known hazards associated (e.g. HIV, EBV, etc.); if genetic materials, name of organism from which name of gene and identity of the host organism.)	
2A9 Hybridoma - Mouse anti-human mannose binding lectin antibody	
2. Strain designation (i.e., number, symbols, etc). 2A9	
The strain designation must correspond with the vial labels.	
3. Is this an original deposit under the Budapest Treaty? Yes	
4. Is this a request for a conversion of a deposit already at the ATCC to meet the requirements of the Budapest Treaty? If so, please indicate ATCC designation. No	:
5. Is this deposit a mixture of microorganisms or cells? No	
6. Provide details necessary to cultivate, test for viability and store deposit. If mixture, provide description of components and a method to check presence. (If plasmid, provide name of host & antibiotic resistance).  See attachment	)
7. Provide sufficient description so that ATCC may confirm deposit properties (e.g., Gram negative rod). Mouse IgGlk iso	type
a If deposit is a cell culture, is it being cultured in the presence of antiblotics? If so, please list the antibiotics	
b If deposit is hybridoma, what is the Isotype of antibody produced? I gG1k	

8. Is this strain hazardous to humans? No , animals? No , plants? No II yes, what is the recommended biosafety

http://www.atec.org/forms/formbpl.h:

	level for working with this strain (Ref. Guideline Molecules, NIH Guidelines, January 1996) [www.nih.gov/od/orda/toc.htm]	s for Research Involving Recombinant DNA
		•
	9. Availability: Prior to Issuance of a U.S. Patent, ATCC will only ma depositor or relevant patent office. Samples must be provided to a specific the Budapest Treaty instructs ATCC to do so. The following	
	a. As of date of deposit or conversion to meet the requirements of the Budapest Treaty anyone who requests a culture? If yes, there are no restrictions of	n, do you wish the deposit made available to no distribution. Yes No _X
	b. As of date of deposit or conversion to meet the requirements of the Budapest Treaty requesters which satisfy Patent Offices in countries not signatory to the Budapest Treaty	y, do you wish the deposit made available to ?
	If "yes," please state which countries below. YesNoX	
	the second of th	
	Please note that if you are converting your deposit to meet the requirements of the Bubeen released for distribution due to the issuance of a U.S. Palent, you cannot restrict it	idapest Treaty, and your deposit has already from further distribution.
	:	
	After a U.S. Patent issues, and we are so notified, ATCC makes the culture available U.S. Patent and Trademark Office Rules and Regulations (37 CFR > 1.808 [a][2]).	to anyone who requests it, as allowed under
Form BP/	1 Page 1 of 2 Rev. 1/97	
	10. Do you wish ATCC to inform you of all requests for this strain? Yes X No	*
	11. ATCC will notify you of your ATCC number after confirmation of viability testing is co	malata (Na Church
Name of I	Individual to notify: Gregory L. Stahl	
	Fax No. Telephone No. 617/278-6957	
	12. Payment by check, or credit card (MasterCard, VISA or American Express), arrangements for billing have been made and approved. If arrangements have been person who should receive invoice, Also, please include P.O. number.	must accompany the deposit unless prior made to bill you for services, please indicate
	Purchase order # 2882 Send invoice to	
	Credit Card number (indicate MasterCard, VISA,	BWH Anesthesia Foundation 75 Francis Street
or Americ	can Express) Expiration Date	Boston, MA 02115
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Type or print the name shown on credit card Signature

http://www.atec.org/forms/formbpl.html

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# **ATCC**

10801 University Blvd • Manassas, VA 20110-2209 • Telephone: 703-365-2700 • FAX: 703-

BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

### INTERNATIONAL FORM

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT ISSUED PURSUANT TO RULE 7.3 AND VIABILITY STATEMENT ISSUED PURSUANT TO RULE 10.2

To: (Name and Address of Depositor or Attorney)

Brigham & Women's Hospital Attn: Gregory L. Stahl Dept. of Anesthesia, 75 Francis Street Boston, MA 02115

Deposited on Behalf of:

Brigham and Women's Hospital

Identification Reference by Depositor:

ATCC Designation

Mouse hybridoma hMBL1.2 Mouse hybridoma 2A9 Mouse hybridoma 3F8 HB-12619

HB-12620

HB-12621

The deposits were accompanied by: \_\_\_ a scientific description \_ a proposed taxonomic description indicated above. The deposits were received <u>December 16, 1998</u> by this International Depository Authority and have been accepted.

AT YOUR REQUEST: X

We will inform you of requests for the strains for 30 years.

The strains will be made available if a patent office signatory to the Budapest Treaty certifies one's right to receive, or if a U.S. Patent is issued citing the strains, and ATCC is instructed by the United States Patent & Trademark Office or the depositor to release said strains.

If the cultures should die or be destroyed during the effective term of the deposit, it shall be your responsibility to replace them with living cultures of the same.

The strains will be maintained for a period of at least 30 years from date of deposit, or five years after the most recent request for a sample, whichever is longer. The United States and many other countries are signatory to the Budapest Treaty.

The viability of the cultures cited above was tested January 20, 1999. On that date, the cultures were viable.

International Depository Authority: American Type Culture Collection, Manassas, VA 20110-2209 USA.

Signature f person having authority to represent ATCC:

Barbara M. Hailey, Administrator, Patent Depository

Date: January 21, 1999

cc: Helen Lockhart (Ref. B0801/7130)